

# KELLY-MOORE PAINTS INDUSTRIAL COATINGS HIGH PERFORMANCE SYSTEMS

## KM-270 Epoxy Polyester Non-Yellowing

THIS PRODUCT MAY NOT BE AVAILABLE IN SOME AREAS DUE TO VOC REGULATIONS

Contact your Kelly-Moore representative for more information

### Product Description

KM-270 is a uniquely formulated two component, polyester epoxy coating. KM-270 uses specially selected polymer resins to produce a hard, high gloss tile-like finish. KM-270 is a non-yellowing, color stable coating. KM-270 provides outstanding wash and scrubability, making it ideal as an anti-graffiti coating and to surfaces exposed to great abuse. KM-270 is recommended as a coating for masonry, wood and primed metal surfaces.

### Performance Features

- Non-Yellowing
- Easy to Clean
- Excellent as Anti-Graffiti Coating
- Good Chemical & Abrasion Resistance
- Beautiful Tile-Like finish

### Product Specifications

Resin Type	Polyester Epoxy
Color Range	White, Grays, Deep Base Colors
Finish	High Gloss
Dry Time @ 75° F.	8-10 hours Recoat: 12-24 hours
Practical Coverage	240 - 320 Sq. Ft. / Gallon
Recommended Dry Film Thickness	3 - 4 mils per coat
Solids By Volume	60% ±2%
Mixing Ratio	1:1 by volume 1 part Base <u>A</u> : 1 part Hardener <u>B</u>
Pot Life	2 hours @ 75°F.
Sizes	Two & Ten gallon units
V.O.C.	347 Grams per liter
Thinner	KM-SA-50
Clean Up	KM-SA-50 or KM-S-74

### Surface Preparation

WARNING! If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

### Steel:

Sandblast to a "commercial" (SSPC-SP6-63) or "Near White" (SSPC-SP10-63) blast finish. Prime with KM-15 Chemical Mastic Epoxy Primer or KM-100 Aluminum.

### Galvanized Steel:

Surface must be clean and free from all dirt, grease, and other foreign matter. If needed, surface should be high pressure water cleaned, or solvent degreased per SSPC-SP1-63 specification. Surface should be abraded and primed with KM-100 Aluminum. KM-100 should be recoated within 4-24 hours.

### Weathered Galvanize:

Prime with KM-100 Aluminum, recoat within 4-24 hours.

### Masonry:

Remove all laitance, efflorescence, chemical contaminants, grease, oil, old paint, and other foreign matter. The prepared surface must be clean, dry, and structurally sound. Sand blasting or water blasting may be necessary to achieve the proper profile. Acid etch or other chemical treatments should be evaluated. After concrete surface is clean and dry, prime with KM-155 Concrete Primer per label instructions. Apply one or two coats of KM-270. For porous block, apply KM-145 Epoxy Block Filler. If a latex block filler is used, cure at least 3 days @ 75°F before coating with KM-270. A test patch is recommended over a latex block filler. A minimum of 2 coats of KM-270 over block filler is normally recommended.

### Mixing Instructions:

KM-270 is prepared by mixing 1 part Base (Part A) to 1 part Hardener (Part B) with an explosion proof variable speed drill with a Jiffy mixer. Allow an induction time of 30 minutes before using. KM-270 may be thinned with up to 1 pint of KM-SA-50 per gallon. Overthinning reduces film build capability.

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# KM-270 (cont.)

## Application Procedure

Airless	Graco
Gun	205-591
Pump	30:1
Tip Range	.017 to .021 @ 2500 PSI
Hose	3/8 inch ID

Conventional	DeVilbiss
Gun	MBC-510 or JGA
Fluid Tip	E
Air Cap	64 or 704
Atomizing Pressure	40 psi
Pot Pressure	50 psi
Hose	1/2" ID

When spraying, use a 50% overlapping crosshatch pattern to minimize the occurrence of pinholes. Do not apply to surfaces below 50°F or above 100°F. Do not apply over dew or frost. The surface should be dry and at least 5°F above the dew point. For safety and product curing, proper ventilation is necessary throughout application and cure. When using pigmented finish coats, be sure the batch numbers are all the same to provide a uniform color

## Precautions

KM-270 is Flammable. Keep away from all sources of ignition during mixing, application and cure. The Hardener (Part B) can cause eye and skin irritation as well as allergic reactions. The use of goggles, fresh air masks or NIOSH approved respirators, protective skin cream and protective clothing is a recommended standard practice when spraying coatings.

## Proper Disposal

For proper disposal of excess material, please contact your local city or county waste management agency.

**Limited Warranty:** The statements made on this bulletin, product labels or by any of our agents concerning this material are given for information only. They are believed to be true and accurate and are intended to provide a guide to approved construction practices and materials. As workmanship, weather, construction equipment, quality of other materials and other variables affecting results are all beyond our control, Kelly-Moore Paint Company, Inc., does not make nor does it authorize any agent or representative to make any warranty of MERCHANTABILITY OR FITNESS for any purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material except that it conforms to Kelly-Moore's quality control standards. Any liability whatsoever of Kelly-Moore Paint Company, Inc. to the buyer or user of this product is limited to the purchaser's cost of the product itself.

**SEE MATERIAL SAFETY DATA SHEETS FOR FULL SAFETY PRECAUTIONS.**

**KM-270 IS FOR PROFESSIONAL USE ONLY**

**KM-270 IS FOR INDUSTRIAL USE ONLY**

**KEEP AWAY FROM CHILDREN**